



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

SIGNIFICANT SOYBEAN HARVEST PROGRESS

Producers continued to make rapid progress on the soybean harvest this past week aided by above normal temperatures and continued dry conditions, according to the USDA, NASS, Minnesota Field Office. As of October 9, the soybean harvest jumped 48 percentage points from last week to 83 percent complete, compared to 74 percent last year and 60 percent for the five-year average. The average moisture content of harvested soybeans was 10 percent. Statewide, 6.5 days were rated suitable for fieldwork. Some reporters noted that dry conditions have made fall tillage difficult.

The statewide average temperature was 15° above normal for the week. Precipitation amounts were light with virtually no precipitation in northwestern and southeastern areas and about .3 inch in central and southwestern areas. Topsoil moisture supplies were rated 18 percent very short, 43 percent short, and 39 percent adequate, compared to 19 percent very short, 35 percent short, and 46 percent adequate during the previous week.

Ninety-four percent of corn was in the mature stage, compared to 98 percent last year and 87 percent average. Corn was 20 percent harvested, compared to 15 percent last year and 13 percent average. The average moisture content of harvested corn was 18 percent. Corn condition was rated 4 percent very poor, 10 percent poor, 29 percent fair, 46 percent good, and 11 percent excellent.

The dry bean harvest was virtually complete at 95 percent, compared to 94 percent last year and 89 percent average. Potatoes were 88 percent harvested, compared to 90 percent last year and 86 percent average. Sunflowers were 36 percent harvested, compared to 44 percent last year and 20 percent average. Sugarbeets were 16 percent harvested, compared to 55 percent last year and 50 percent average.

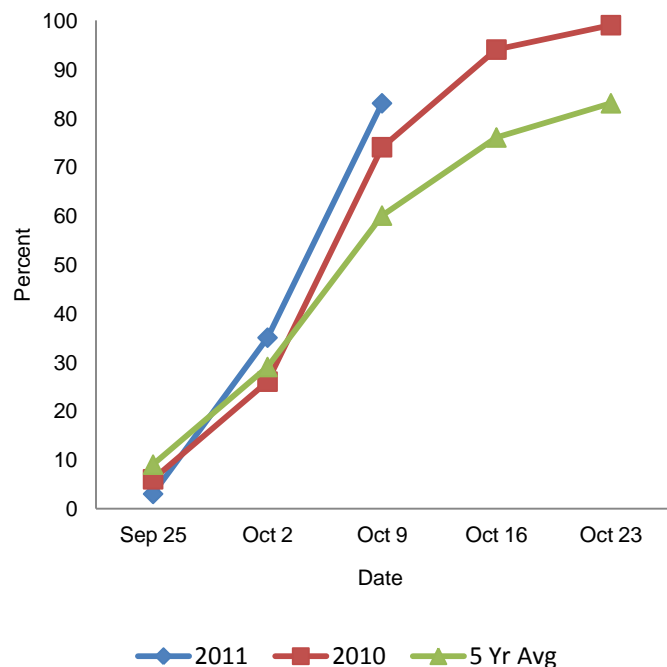
Pasture and range condition was rated 11 percent very poor, 16 percent poor, 36 percent fair, 34 percent good, and 3 percent excellent.

Days Suitable for Fieldwork: 6.5				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	18	43	39	0

Crop Progress as of October 9, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Mature	94	80	98	87
	Harvested	20	6	15	13
	Moisture Content	18	23	19	23
Soybeans	Dropping Leaves	99	94	100	99
	Mature	97	81	97	94
	Harvested	83	35	74	60
	Moisture Content	10	13	11	12
Sugarbeets	Harvested	16	13	55	50
Sunflowers	Harvested	36	8	44	20
Dry Beans	Harvested	95	77	94	89
Potatoes	Harvested	88	73	90	86

Condition as of October 9, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	11	16	36	34	3
Corn	4	10	29	46	11
Sugarbeets	8	19	39	30	4
Sunflowers	2	11	51	33	3

Soybeans Harvested



The following links provides further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 9, 2011:
Temperatures averaged from 11.0 degrees above normal in the Northeast District to 17.9 degrees above normal in the Northwest District.
Extremes: 33 degrees in Hibbing, Preston; 90 degrees in Browns Valley, Crookston. Average precipitation ranged from 0.57 inch below normal in the South Central District to 0.12 inch below normal in the West Central District. Greatest weekly total of 0.95 inch was recorded in Montevideo.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 10/3/2011 through 10/9/2011

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 17	Depart from Norm
<u>NW DIST 1</u>										
Crookston	90	43	69.0	19.9	0	-.46	-.94	-2.65	2366	207
Itasca	85	44	65.1	19.1	.10	-.53	-1.91	-.66	2011m	246m
Moorhead	89	47	68.8	18.5	.32	-.17	-1.43	4.19	2595	328
Warroad	84	39	63.4	16.6	0m	-.47m	-.63m	-.71m	1965	88
<u>NC DIST 2</u>										
Grand Rapids	81	43	62.6	14.4	.88	.21	-1.09	1.12	2138	250
Intl. Falls	82	41	62.3	16.2	.06	-.46	-1.31	-2.70	1947	197
<u>NE DIST 3</u>										
Duluth	80	45	61.0	13.2	.13	-.52	-1.99	-1.03	1905	212
Grand Marais	71	43	56.0	7.6	.01	-.65	-1.35	-3.56m	1165m	-196m
Hibbing	79	33	58.6	12.1	.42	-.22	-1.27	-4.87	1879	159
<u>WC DIST 4</u>										
Alexandria	85	50	66.1	16.0	.47	-.07	-.98	5.03	2401	219
Browns Valley	90	46	66.3	14.7	.09	-.32	-1.21	1.59	2453	39
Canby	86	53	67.6	13.8	.40	-.10	-1.52	-.49	2639	80
Montevideo	88	41	66.2	14.0	.95	.49	-.68	1.01	2561	141
Morris	86	46	66.1	15.1	.22	-.32	-1.35	1.05	2416	80
Wheaton	87	48	66.9	15.6	.02	-.43	-1.45	3.34	2495	108
<u>CENT DIST 5</u>										
Becker	86	45	66.2	15.5	.07	-.47	-1.90	3.12	2555	352
Collegeville	86	45	67.4	13.8	.40	-.21	-1.71	6.56	2719	251
Hutchinson	86	36	66.0	14.0	.13	-.30	-1.42	5.04m	2611	210
Melrose	84	42	65.1	14.2	.24	-.35	-1.79	1.58	2418	98
Olivia	88	42	67.2	15.6	.35	-.13	-1.62	-1.10	2524	163
St. Cloud	86	42	67.8	17.8	.83	.28	-1.02	2.53	2504	358
Wadena	84	49	65.5	17.2	.58	-.03	-1.03	-6.50m	1495m	-449m
Willmar	86	46	67.2	16.1	.32	-.21	-1.29	3.87	2444	169
<u>EC DIST 6</u>										
Aitkin	M	M	M	M	M	M	-1.67m	2.25m	2219m	380m
Forest Lake	87	44	68.6	16.6	0	-.60	-2.25	-.95	2605	286
Hinckley	84	38	62.4	14.6	.17	-.47	-1.95	-.87m	2014m	91m
MSP Airport	88	50	72.2	18.8	0	-.49	-1.84	-.56	2940	403
St. Paul - UofM	86	45	68.6	14.9	0	-.60	-2.25	4.28	2639	136
<u>SW DIST 7</u>										
Lamberton	87	49	68.8	16.2	.33	-.14	-1.76	.50	2691	229
Marshall	87	51	68.8	15.9	.24	-.22	-1.52	-1.55	2660	135
Pipestone	85	47	67.6	16.2	.37	-.18	-1.87	4.05	2474	105
Redwood Falls	89	44	69.9	15.8	.27	-.17	-1.63	-2.93	2776	160
Worthington	85	48	67.6	16.2	.15	-.31	-1.75	3.43	2549	236
<u>SC DIST 8</u>										
Faribault	M	M	M	M	M	M	M	-5.92m	613m	-1750m
North Mankato	86	43	68.8	15.3	0	-.58	-2.13	-3.98	2589	119
Waseca	86	41	67.4	14.9	0	-.58	-1.97	-1.55	2648	242
Winnebago	86	43	67.5	13.8	0	-.55	-1.72	-2.58	2741	241
<u>SE DIST 9</u>										
Preston	84	33	65.0	12.6	0	-.58	-1.15	-4.31	2569	284
Red Wing	87	39	67.1	14.1	0	-.56	-2.33	-1.50	2732	280
Rochester	85	44	67.8	16.2	0	-.53	-1.26	-2.53	2564	319
Rosemount	88	42	67.8	14.9	0	-.60	-2.36	1.17	2658	314
Winona	84	37	65.4	11.9	0	-.55	-1.12	.80	2628m	133m

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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